

# Converting Colors

Hex(9F7A3C)

Have a look what the booklet for  
Hex(9F7A3C) contains.

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**Color**

**Hex(9F7A3C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9F7A3C
RGB	159, 122, 60
RGB Percent	62%, 48%, 24%
CMY	0.3765, 0.5216, 0.7647
CMYK	0.00, 0.23, 0.62, 0.38
HSL	38°, 45%, 43%
HSV	38°, 62%, 62%
XYZ	22.0732, 21.6162, 7.2839
YIQ	125.9950, 41.9540, -11.4380

# Conversions

## Conversions Part 2

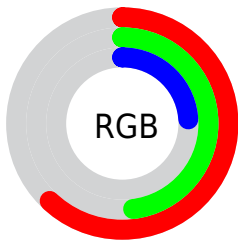
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 159, 60
Decimal	10451516
CIELab	53.62, 7.26, 38.84
CIElCh	54, 39.514, 79.412
Yxy	21.6162, 0.4330, 0.4241
Android (android.graphics.Color)	4288641596 (0xFF9F7A3C)
YUV	125.9950, -32.5355, 28.9454
Hunter-Lab	46.4933, 3.3817, 23.2565

# Details

The Hex color **9F7A3C** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3C619F**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **D8AE6D**, and **684A0B** is the 20% darker color. If you saturate the color by 10%, you get **9F742C**, and if you desaturate by 10%, it is **9F804C**.

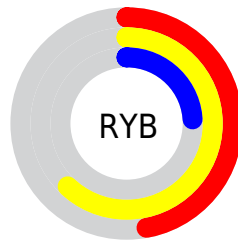
# Distribution



Red (62%)

Green (48%)

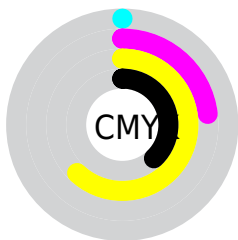
Blue (24%)



Red (47%)

Yellow (62%)

Blue (24%)

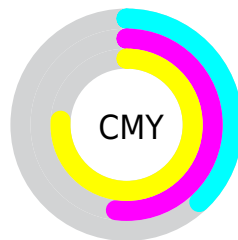


Cyan (0%)

Magenta (23%)

Yellow (62%)

Black (38%)



Cyan (38%)

Magenta (52%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F7A3C changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 9F7A3C by changing the saturation by 10% instead.



 9F7A3C

 9F7A3C

FFFFFF

 836124

 D8AE6D

 684A0B

 F6CA87

 4E3300

 FFE6A2

 341E00

 FFFFBD

 1C0700

 FFFFDA

 000000

 FFFFF6

 9F7A3C

 9F7A3C

 9F742C

 9F804C

 9F6E1C

 9F865C

 9F680C

 9F8C6C

 9F6400

 9F927C

 9F988C

 9F9E9B

 9FA4AB

 9FAABB

 9FAFCB

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B66E4E



9F7A3C



7F853E

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



9F7A3C



009196



9E6FAD

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



9F7A3C



3C619F

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



707CC0



9F7A3C



008EB3

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9F7A3C



199172



2087C3



B9658E

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



9F7A3C



658B4A



2087C3



9173B5



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



9F7A3C



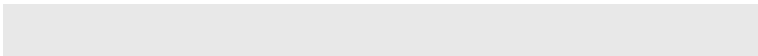
CFC0A7



9F3C62



696051



E8E8E8



696969



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



9F7A3C



CF9534



939F3C



4F4C47



8F5900



0F0A00



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



3C619F



346ECF



483C9F



474A4F



00358F



00060F



# Previews

## White Background



This preview shows how the Hex color 9F7A3C looks on a white background.

## Color Contrast Check

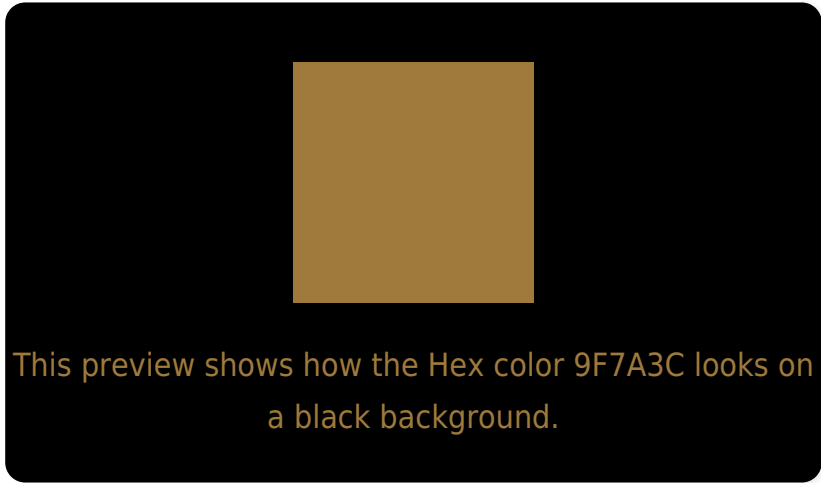
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9F7A3C Background



This preview shows how black text looks on a background with the Hex color 9F7A3C.



This preview shows how white text looks on a background with the Hex color 9F7A3C.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
9F7A3C

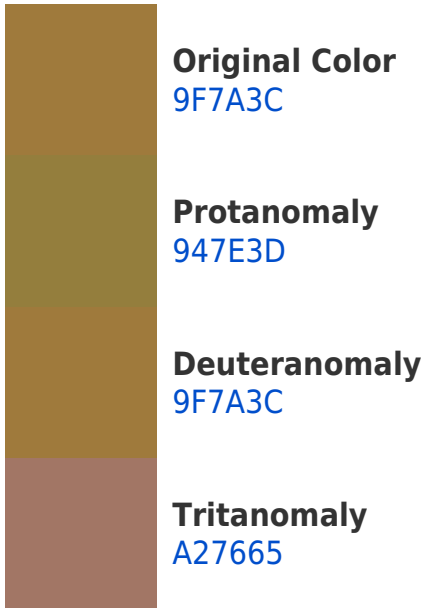
**Protanopia**  
8E813E

**Deuteranopia**  
9F7A3C



**Tritanopia**  
A4737C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F7A3C is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #9F7A3C looks like.

```
.text, #text, p{  
    color:#9F7A3C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #9F7A3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F7A3C
}
```

## Border

The CSS property to change the border of an element to Hex 9F7A3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F7A3C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#9F7A3C }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #9F7A3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F7A3C; -webkit-box-shadow:4px 4px  
4px 4px #9F7A3C; box-shadow:4px 4px 4px  
4px #9F7A3C }
```

# Background

The CSS property to change the background color of an element to Hex 9F7A3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F7A3C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#9F7A3C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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